

**GENERALIZED ON-DEMAND SERVICE ARCHITECTURE
FOR INTERACTIVE APPLICATIONS**

ABSTRACT

5 A method, system, and computer program for executing a network-
based distributed application. An infrastructure is described that
includes application containers configured to execute an application
instance of the distributed application and measure quality of service
metrics for the application instance. Workload management elements
form a decentralized workload management layer. The workload
10 management layer is configured to assign a workload to application
containers based on the quality of service metrics received by the
application containers.